

Substitute for form 1449A/PTO

Complete Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 8 Application Number 09/602,187
 Filing Date June 12, 2000
 First Named Inventor Pedicini
 Group Art Unit 1746 1908
 Examiner Name W. J. S.
 Attorney Docket Number 01446-1350

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
MZ	1	737,613		Halsey	09-01-03	
	2	1,112,861		Snyder	10-06-14	
	3	1,285,659		Ford	11-26-18	
	4	2,273,244		Ambruster	02-17-42	
	5	2,275,281		Berl	03-03-42	
	6	2,468,430		Derksen	04-26-49	
	7	3,072,284		Luhman, Jr.	01-08-63	
	8	3,160,528		Dengler	12-08-64	
	9	3,395,047		Terry et al.	07-30-68	
	10	3,473,963		Sanderson	10-21-69	
	11	3,523,830		Baker et al.	08-11-70	
	12	3,554,810		Zaromb	01-12-71	
	13	3,613,732		Willson	10-19-71	
	14	3,615,839		Thompson	10-26-71	
	15	3,629,009		Bennett	12-21-71	
	16	3,632,449		Yardney	01-04-72	
	17	3,666,562		Sprengel	05-30-72	
	18	3,740,636		Hogrefe et al.	06-19-73	
MZ	19	3,744,516		Rowe	07-10-73	
Examiner Signature	<u>M. Z. S.</u>				Date Considered	<u>11/5/03</u>

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

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Sheet 2 of 8

Application Number

09/602,187

Filing Date

June 12, 2000

First Named Inventor

Pedicini

Group Art Unit 1746

1908

Examiner Name W-115

Attorney Docket Number

01446-1350

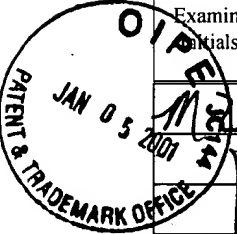
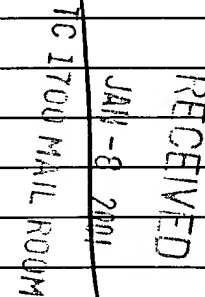
U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ³	U.S. Patent Document Number	Kind Code ⁴ (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
m3	20	3,801,372		Shaw	04-02-74	
	21	3,850,695		Keller et al.	11-26-74	
	22	3,871,920		Grebier et al.	03-18-75	
	23	3,909,302		Mermelstein	09-30-75	
	24	4,052,534		Devitt	10-04-77	
	25	4,063,826		Riepe	12-20-77	
	26	4,118,544		Przybyla et al.	10-03-78	
	27	4,139,846		Conforti	02-13-79	
	28	4,177,327		Mathews et al.	12-04-79	
	29	4,207,514		Klein	06-10-80	
	30	4,221,644		LaBarre	09-09-80	
	31	4,246,324		De Nora et al.	01-20-81	
	32	4,254,190		Zaromb	03-03-81	
	33	4,262,062		Zatsky	04-14-81	
	34	4,269,906		Schmechtig	05-26-81	
	35	4,310,604		Marchetti	01-12-82	
	36	4,316,185		Watrous et al.	02-16-82	
	37	4,318,092		Cowles et al.	03-02-82	
	38	4,399,200		Galloway	08-16-83	
	39	4,405,387		Albrecht et al.	09-20-83	
	40	4,448,858		Graf et al.	05-15-84	
	41	4,484,691		Lees	11-27-84	
m3	42	4,490,443		Ruch et al.	12-25-84	
Examiner Signature	Monique V. lb				Date Considered	11/5/02

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³ Unique citation designation number.

⁴ See attached Kinds of U.S. Patent Documents.

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				Application Number	09/602,187			
				Filing Date	June 12, 2000			
				First Named Inventor	Pedicini			
				Group Art Unit	1908			
Examiner Name								
Sheet	3	of	8	Attorney Docket Number	01446-1350			
U. S. PATENT DOCUMENTS								
Examiner Initials*	Cite No. ⁵	U.S. Patent Document Number	Kind Code ⁶ (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear		
	43	4,493,880		Lund	01-15-85			
	44	4,521,497		Tamminen	06-04-85			
	45	4,560,626		Joy	12-24-85			
	46	4,642,273		Sasaki	02-10-87			
	47	4,648,807		Tippets et al.	03-10-87			
	48	4,687,714		Oltman et al.	08-18-87			
	49	4,729,930		Beal et al.	03-08-88			
	50	4,745,038		Brown	05-17-88			
	51	4,855,195		Georgopoulos et al.	08-08-89			
	52	4,857,885		Umerez	08-15-89			
	53	4,859,545		Scheffler et al.	08-22-89			
	54	4,894,295		Cheiky	01-16-90			
	55	4,904,548		Tajima	02-27-90			
	56	4,908,281		O'Callaghan	03-13-90			
	57	4,913,983		Cheiky	04-03-90			
	58	4,938,742		Smits	07-03-90			
	59	4,943,750		Howe	07-24-90			
	60	4,957,826		Cheiky	09-18-90			
	61	5,011,380		Kovacs	04-30-91			
	62	5,047,961		Simonsen	09-10-91			
	63	5,066,204		Point et al.	11-19-91			
	64	5,069,986		Dworkin et al.	12-03-91			
	65	5,085,562		Van Lintel	02-04-92			
	Examiner Signature	M. SV JB			Date Considered		11/5/03	

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ⁷	U.S. Patent Document Number	Kind Code ⁸ (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
	66	5,183,222		Ramsey, Jr.	02-02-93	
	67	5,191,274		Lloyd et al.	03-02-93	
	68	5,196,275		Goldman et al.	02-23-93	
	69	5,208,526		Goldman et al.	05-04-93	
	70	5,211,371		Coffee	05-18-93	
	71	5,258,239		Kobayashi	11-02-93	
	72	5,304,431		Schumm, Jr.	04-19-94	
	73	5,306,579		Shepard, Jr. et al.	04-26-94	
	74	5,325,880		Johnson et al.	07-05-94	
	75	5,328,777		Bentz et al.	07-12-94	
	76	5,354,625		Bentz et al.	10-11-94	
	77	5,356,729		Pedicini	10-18-94	
	78	5,362,577		Pedicini	11-08-94	
	79	5,387,477		Cheiky	02-07-95	
	80	5,398,011		Kimura et al.	03-14-95	
	81	5,411,644		Neukermans	05-02-95	
	82	5,417,235		Wise et al.	05-23-95	
	83	5,434,016		Benz et al.	07-18-95	
	84	5,439,758		Stone et al.	08-08-95	
	85	5,449,569		Schumm, Jr.	09-12-95	
	86	5,466,932		Young et al.	11-14-95	
	87	5,486,429		Thibault	01-23-96	
	88	5,506,067		Tinker	04-09-96	

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EXAMINER
Signature: *M. Zwill* Date Considered: *11/5/03*

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⁸ See attached Kinds of U.S. Patent Documents.

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				Filing Date		June 12, 2000	
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				Group Art Unit		1908	
				Examiner Name			
Sheet	5	of	8	Attorney Docket Number		01446-1350	

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		Number	Kind Code ¹⁰ (if known)			
	89	5,522,712		Winn	06-04-96	
	90	5,529,465		Zengerle et al.	06-25-96	
	91	5,536,590		Chieky	07-16-96	
	92	5,554,452		Delmolino et al.	09-10-96	
	93	5,560,999		Pedicini et al.	10-01-96	
	94	5,563,004		Buzzelli et al.	10-08-96	
	95	5,567,284		Bauer et al.	10-22-96	
	96	5,571,630		Cheiky	11-05-96	
	97	5,599,174		Cook et al.	02-04-97	
	98	5,619,177		Johnson et al.	04-08-97	
	99	5,622,482		Lee	04-22-97	
	100	5,639,568		Pedicini et al.	06-17-97	
	101	5,641,585		Lessing et al.	06-24-97	
	102	5,678,647		Wolfe et al.	10-21-97	
	103	5,691,074		Pedicini	11-25-97	
	104	5,691,075		Batawi	11-25-97	
	105	5,712,052		Kawatsu	01-27-98	
	106	5,721,064		Pedicini et al.	02-24-98	
	107	5,730,587		Snyder et al.	03-24-98	
	108	5,747,187		Byon	05-05-98	
	109	5,753,384		Kimberg	05-19-98	
	110	5,758,823		Glezer et al.	06-02-98	
	111	5,759,014		Van Lintel	06-02-98	

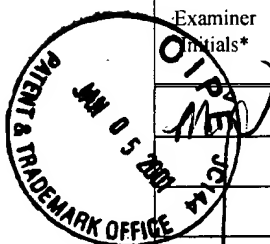
 Examiner
Signature

 Date
Considered

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¹⁰ See attached Kinds of U.S. Patent Documents.



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Sheet	6	of	8	Attorney Docket Number		01446-1350		
U. S. PATENT DOCUMENTS								
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		Number	Kind Code ¹² (if known)					
M2	112	5,778,513		Miu et al.	07-14-98			
	113	5,786,980		Evans	07-28-98			
	114	5,853,910		Tomioka et al.	12-29-98			
	115	5,861,703		Losinski	01-19-99			
	116	5,914,507		Polla et al.	06-22-99			
	117	5,916,704		Lewin et al.	06-29-99			
	118	5,919,582		Pedicini et al.	07-06-99			
M2	119	6,033,191		Kamper et al.	03-07-00			
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹⁶
		Office ¹³	Number ¹⁴	Kind Code (if known) ¹⁵				
M2	120	PCT	WO 90/11625	A1	Alcan International Limited	10-04-90		
M2	121	PCT	WO 93/18556	A1	Ballard Power Systems Inc.	09-16-93		
M2	122	PCT	WO 93/19495	A1	AER Energy Resources, Inc.	09-30-93		
M2	123	PCT	WO 94/02966	A2	Cheiky	02-03-94		
M2	124	PCT	WO 94/08358	A1	Voltek, Inc.	04-14-94		
M2	125	PCT	WO 94/25991	A2	AER Energy Resources, Inc.	11-10-94		
M2	126	PCT	WO 97/15090	A2	AER Energy Resources, Inc.	04-24-97		
M2	127	PCT	WO 99/16145	A1	AER Energy Resources, Inc.	04-01-99		
Examiner Signature		M. Zwill				Date Considered	11/5/03	

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¹¹ Unique citation designation number.

¹² See attached Kinds of U.S. Patent Documents.

¹³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

¹⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

¹⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

¹⁶ Applicant is to place a check mark here if English language Translation is attached.

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Examiner Name								
Sheet	7	of	8	Attorney Docket Number		01446-1350		
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document		Kind Code (if known) ¹⁹	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²⁰
	128	EP	0 476 484	A2	Licentia Patent-Verwaltungs-GmbH	03-25-92		
	129	EP	0 341 189	B1	Scheffler et al.	11-08-89		
	130	EP	0 044 060	A2	Energy Research Corporation	01-20-82		
	131	EP	0 293 007	A2	International Fuel Cells Corporation	11-30-88		
	132	EP	0 341 189	A1	International Fuel Cells Corporation	11-08-89		
	133	FR	1 575 640					
	134	FR	2 353 142		Compagnie Generale D Electricite			
	135	GB	1 221 196			4/6/99		
	136	JP	60091569		Toshiba Corp.	05-22-85		
	137	JP	6 311 0558		Hitachi Ltd.	05-16-88		
	138	JP	10 148181	A	Shintenetal	06-02-98		
	139	JP	4 345773		Nishida et al.	12-01-92		
	140	JP	50 040772					
					*English Abstract Only			
Examiner Signature	M3					Date Considered	11/5/03	

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¹⁷ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

¹⁸ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

¹⁹ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

²⁰ Applicant is to place a check mark here if English language Translation is attached.

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				Group Art Unit	1908
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Sheet	8	Of	8	Attorney Docket Number	01446-1350
NON PATENT LITERATURE DOCUMENTS					

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	141	The Search for Better Batteries, IEEE Spectrum May 1995, pp. 51-56 <i>date?</i>	
	142	Using Shape Memory Wires (Part Two), Mondo-tronics, Inc., pp. 2-1 - 2-12 <i>Gilbertson</i>	
	143	Flexinol™ - Actuator Wire A Solid State Actuator That Moves By "Molecular Restructuring", Dynalloy, Inc. (Makers of Dynamic Alloys) one page <i>date?</i>	
Examiner Signature	<i>m. z. [signature]</i>		Date Considered
			<i>11/7/03</i>

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PATENT

SANT

Application Number	09/602,187
Filing Date	June 12, 2000
First Named Inventor	Pedicini
Group Art Unit	1745
Examiner Name	
Attorney Docket Number	01446-1350

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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and/or country where published.	T
rw	2	Microprocessor Voltage Monitors with Programmable Voltage Detection, Maxim, MAX8211/MAX8212, pp. 1-2 5-1999	.

Examiner Signature	<i>m 3/5/97</i>	Date Considered	<i>1/18/03</i>
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Application Number	09/602,187
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Sheet	1 of 1
Attorney Docket Number	43419/202239

U. S. PATENT DOCUMENTS

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MZ	1	6,106,962		Pedicini et al.	08-22-00	
MZ	2	6,274,261	B1	Tinker et al.	08-14-01	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
MZ	3	WO	00/38266	A1	AER Energy Resources, Inc.	06-29-00		
MZ	4	WO	00/36696	A1	AER Energy Resources, Inc.	06-22-00		

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NON PATENT LITERATURE DOCUMENTS

TC 1700

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
MZ	3	U.S. Application Serial No. 09/216,026, Inventor: Pedicini et al., Filed December 18, 1998 entitled <i>Air Manager Systems for Metal-Air Batteries Utilizing a Diaphragm or Bellows</i>	
<div style="display: flex; justify-content: space-between;"> <div>Examiner Signature</div> <div>MZ</div> <div>Date Considered</div> <div>11/5/03</div> </div>			

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¹ Unique citation designation number.² See attached Kinds of U.S. Patent Documents.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶ Applicant is to place an "X" here if English language Translation is attached.